

Title (en)

Method and apparatus for communicating over power line

Title (de)

Verfahren und Vorrichtung zur Kommunikation über elektrische Energieversorgungsleitungen

Title (fr)

Méthode et appareil pour la communication dans ligne d'alimentation

Publication

EP 1073211 B1 20080521 (DE)

Application

EP 00114315 A 20000704

Priority

- DE 19932435 A 19990712
- DE 19949390 A 19991013

Abstract (en)

[origin: EP1073211A2] Information is transmitted over an electrical mains power supply line (1) and is communicated to and from a server (4) and terminals via a modem (2). Each modem has a memory for the modulation parameters and the carrier frequency data. The contents are determined by a controller (23) coupled to an I/O stage.

IPC 8 full level

H04B 3/54 (2006.01)

CPC (source: EP)

H04B 3/54 (2013.01); **H04B 2203/5416** (2013.01); **H04B 2203/5441** (2013.01); **H04B 2203/5445** (2013.01); **H04B 2203/5483** (2013.01)

Citation (examination)

US 4924456 A 19900508 - MAXWELL RONALD K [US], et al

Cited by

EP1432138A1; WO03098813A3; US10265552B2; US11167156B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1073211 A2 20010131; **EP 1073211 A3 20030129**; **EP 1073211 B1 20080521**; AT E396552 T1 20080615; DE 50015167 D1 20080703; IL 137139 A0 20010724; IL 137139 A 20060410; JP 2001060899 A 20010306; JP 3633857 B2 20050330; NO 20003542 D0 20000710; NO 20003542 L 20010115

DOCDB simple family (application)

EP 00114315 A 20000704; AT 00114315 T 20000704; DE 50015167 T 20000704; IL 13713900 A 20000703; JP 2000210741 A 20000712; NO 20003542 A 20000710